

To: Townsend, Mark[Townsend.Mark@epa.gov]
From: Henry, Tala
Sent: Sun 1/19/2014 4:53:36 PM
Subject: Re: One source: RE: URGENT -- House E&C request for Eastman study

Why are continuing to work this? The request has come and gone for now.

Please stop working on this until we are asked for something.

Tala Henry, Ph.D.

Director

Risk Assessment Division

Office of Pollution Prevention and Toxics

202-564-2959

From: Townsend, Mark
Sent: Friday, January 17, 2014 10:16:01 PM
To: Henry, Tala
Subject: Fw: One source: RE: URGENT -- House E&C request for Eastman study

At last. We were not getting erroneous messages re uses. Randy has presented citations below

From: Brinkhuis, Randall
Sent: Friday, January 17, 2014 4:31:49 PM
To: Townsend, Mark
Subject: One source: RE: URGENT -- House E&C request for Eastman study

<http://en.wikipedia.org/wiki/4-Methylcyclohexanemethanol>

You' ll like this ;-)- according to Wikipedia MCHM has been patented for use in air fresheners. J

I did find more info on cyclohexanedimethanol (CHDM) [CASRN 105-08-8] in Ullmann' s. None of the first three non-water chemicals in the Crude MCHM was listed in the Merck Index. (I was hoping they were since that often lists a patent for more info.)

Richard Denison posted the following (<http://www.bluegreenalliance.org/blog/failed-tsca-collides-with-the-real-world-in-west-virginia-chemical-spill-this-week>):

Specifically, we searched the following government sources for any hazard data on MCHM (using the CAS number), and came up

empty:

- [OSHA's Occupational Chemicals DataBase](#): NO HAZARD DATA
- [EPA CDAT](#) and [Chemview Portal](#): NO HAZARD DATA
- [EPA ACToR database](#): NO HAZARD DATA
- [EU Classification and Labeling Inventory](#): NO HAZARD DATA
- [ATSDR Toxic Substances Portal](#): NO HAZARD DATA
- [NIOSH Pocket Guide](#): NO HAZARD DATA

Oh, and according to Ullmann' s CHDM is used in making polyesters and other polymers.

Randy

Synthesis and production

It was first prepared in 1908 by [Bouveault–Blanc reduction](#) of a methylcyclohexanecarboxylate [ester](#).^[3]

It is also produced as a [byproduct](#) (ca. 1%) in the production of [cyclohexanedimethanol](#), a [commodity chemical](#), during [hydrogenation](#) of [dimethyl terephthalate](#).^[4]



Uses

It has been patented for use in [air fresheners](#).^[5]

[U.S. Patent 4915825](#) describes a [froth flotation](#) process for [cleaning coal](#) where a mixture of 95% MCHM, 4% water, and 0.1% 4-methylcyclohexanemethanol monoether (such as 4-(methoxymethyl)cyclohexanemethanol) is used as a [frothing agent](#), and finely divided coal particles adhere to air bubbles induced into the agent which rise to the surface. Other [cyclohexane](#)-based alcohols can also be used. MCHM has the advantage of being less toxic than previous frothing agents containing [2-ethylhexanol](#).^[6] The original patent owners let the patent expire after eight years for failure to pay maintenance fees.^[7]

Health and safety

Reliable information on health and safety of this compound is unavailable. The closely related compound cyclohexanedimethanol exhibits low toxicity (3.5 g/kg) when fed orally to rats.^[8]

From: Townsend, Mark
Sent: Monday, January 13, 2014 10:30 AM
To: Brinkhuis, Randall
Subject: FW: URGENT -- House E&C request for Eastman study

Randy any idea hints about the STUDY .

From: Henry, Tala
Sent: Monday, January 13, 2014 10:10 AM
To: Scarano, Louis; Stedeford, Todd; Townsend, Mark
Subject: FW: URGENT -- House E&C request for Eastman study

Can you guys work together to find out if we have received the study in question...i.e. 8(e) or other?
Mark and Leonard have done some initial looking. Then...they are asking for EPA "assessment of the study...what human health person should look at it if we have it

Tala R. Henry, Ph.D.

Director, Risk Assessment Division

Office of Pollution Prevention and Toxics

U.S. Environmental Protection Agency

T: 202-564-2959

E: henry.tala@epa.gov

From: Flattery, Priscilla
Sent: Monday, January 13, 2014 9:11 AM
To: Henry, Tala; Barone, Stan
Subject: URGENT -- House E&C request for Eastman study

Can we check to see if this study was submitted and reviewed. Need to hear ASAP.

Priscilla Flattery

Chief of Staff, OPPT

202-564-2718

From: Kaiser, Sven-Erik
Sent: Monday, January 13, 2014 8:56 AM
To: Flattery, Priscilla; Fort, Felecia; Wallace, Ryan
Subject: House E&C request for Eastman study

TSCA team,
Can you help with this request? Thanks,
Sven

From: Snyder, Raquel
Sent: Monday, January 13, 2014 8:46:12 AM
To: Kaiser, Sven-Erik
Subject: FW: Eastman study

Good morning,

Would your TSCA folks have this study? I've only been able to find the MSDS.

Many thanks,

Raquel Snyder

Congressional Liaison

U.S. EPA/Office of Congressional Affairs

(202)564-9586

From: Vaught, Laura
Sent: Monday, January 13, 2014 8:24:26 AM
To: Dotson, Greg
Cc: Alison Cassady; Levine, Carolyn
Subject: Re: Eastman study

Hi Greg - looping in Carolyn on this. I was out sick at end of last week, so going to be catching up on this one myself.

From: Dotson, Greg <Greg.Dotson@mail.house.gov>
Sent: Sunday, January 12, 2014 10:34:48 PM
To: Vaught, Laura
Cc: Cassady, Alison
Subject: Eastman study

Hi Laura,

Can you tell us if EPA has the Eastman study referenced in this article? If so, did the agency have it prior to last week's events in WV? <http://www.wvgazette.com/News/201401110061> Also, what is EPA's assessment of the study?

Thanks,
Greg